

# NGDA Theme Lead Meeting

*May 3, 2018*

*1:00 PM – 3:00 PM ET*



# Agenda

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- ❖ Reminder: NGDA Presentation to FGDC Chairman
- ❖ Action Item Review
- ❖ 2017 Theme Report Status
- ❖ NGDA Theme Communities – Next Steps
- ❖ COGO Report Card
- ❖ 2018 NGDA Web Services and Metadata Project
  - ❖ NGDA metadata record findings
  - ❖ Proposed Changes to NGDAs
- ❖ NGDA Portfolio Reporting Timeline
- ❖ Open Discussion

# Action Item Review - Past Due

In Progress Actions			
Topic	Responsible Party	Description	Status
Theme Implementation Plan (TIP) Submission	Theme Leads	Theme Leads to submit Theme Implementation Plans by 10/31/17 including 2017 Progress Summary Table	<b>Past Due:</b> Themes that still need to submit a plan. They should coordinate with Lorna Schmid (ngdateam@fgdc.gov) with questions or estimated submission date.
Theme Summary Report (TSR)	Theme Leads	Theme Leads to submit review of NGDA Theme Summary Report by 01/12/18 including summary status table of 2017 goals and objectives.	<b>Past Due:</b> Themes that still need to submit review should coordinate with Lorna Schmid (ngdateam@fgdc.gov) with questions or estimated submission date. FGDC will seek LMA Reports approval from CG and Steering Committee in May

# Action Item Review - Current

In Progress Actions			
Topic	Responsible Party	Description	Status
GeoPlatform NGDA Communities Review Process	GeoPlatform Team Theme Leads	Theme Leads to review and provide feedback on the GeoPlatform WordPress NGDA Communities.	<b>Ongoing:</b> NGDA Portfolio Management Team updating content as required by Theme Leads. NGDA Team gathering requirements to evolve communities
NGDA Metadata	Dataset Managers Theme Leads	Dataset Managers and Theme Leads to review respective NGDA metadata records. <a href="https://www.fgdc.gov/ngda-reports/NGDA_Datasets.html">https://www.fgdc.gov/ngda-reports/NGDA_Datasets.html</a>	<b>In Progress:</b> Dataset Managers and Theme Leads reviewing metadata records for <u>Titles, keywords, web services, data download and metadata formatting.</u>

# 2017 Theme Report Status

Status as of 4/25/2018

Theme	Strategic Plan	Implementation Plan Oct 17	Lifecycle Maturity Assessment Reports	
			Dataset	Theme Summary
Address	Not Submitted	Not Submitted	Not Identified	N/A
Biodiversity and Ecosystems	Complete	Not Submitted	7	Completed
Cadastre*	Complete	Not Submitted	19	Completed
Climate and Weather	Complete	Not Submitted	5	Review not received
Cultural Resources	Complete	Complete	2	Completed
Elevation*	Complete	In Progress	12	Completed
Geodetic Control*	Complete	Complete	4	Completed
Geology	Complete	Complete	6	Completed
Governmental Units*	Complete	Complete	40	Completed
Imagery*	Complete	In Progress	9	Completed
Land Use Land Cover	Complete	Not Submitted	14	Completed
Real Property	Complete	Complete	14	Completed
Soils	Complete	Not Submitted	5	Completed
Transportation*	Complete	Complete	16	Completed
Utilities	Complete	Not Submitted	2	Review not received
Water Inland*	Complete	Complete	5	Completed
Water Oceans and Coasts*	Complete	Not Submitted	16	Completed

\* Framework Themes

**Contact Lorna Schmid for help completing reports:**  
[lorna@usgs.gov](mailto:lorna@usgs.gov)

# NGDA Theme Communities are Updated

Theme	Community Link
Address	<a href="https://communities.geoplatform.gov/ngda-address">https://communities.geoplatform.gov/ngda-address</a>
Biodiversity and Ecosystems	<a href="https://communities.geoplatform.gov/ngda-biodiversity">https://communities.geoplatform.gov/ngda-biodiversity</a>
Cadastre*	<a href="https://communities.geoplatform.gov/ngda-cadastre">https://communities.geoplatform.gov/ngda-cadastre</a>
Climate and Weather	<a href="https://communities.geoplatform.gov/ngda-climate">https://communities.geoplatform.gov/ngda-climate</a>
Cultural Resources	<a href="https://communities.geoplatform.gov/ngda-cultural">https://communities.geoplatform.gov/ngda-cultural</a>
Elevation*	<a href="https://communities.geoplatform.gov/ngda-elevation">https://communities.geoplatform.gov/ngda-elevation</a>
Geodetic Control*	<a href="https://communities.geoplatform.gov/ngda-geodeticcontrol">https://communities.geoplatform.gov/ngda-geodeticcontrol</a>
Geology	<a href="https://communities.geoplatform.gov/ngda-geology">https://communities.geoplatform.gov/ngda-geology</a>
Governmental Units*	<a href="https://communities.geoplatform.gov/ngda-govunits">https://communities.geoplatform.gov/ngda-govunits</a>
Imagery*	<a href="https://communities.geoplatform.gov/ngda-imagery">https://communities.geoplatform.gov/ngda-imagery</a>
Land Use Land Cover	<a href="https://communities.geoplatform.gov/ngda-landuse">https://communities.geoplatform.gov/ngda-landuse</a>
Real Property	<a href="https://communities.geoplatform.gov/ngda-realproperty">https://communities.geoplatform.gov/ngda-realproperty</a>
Soils	<a href="https://communities.geoplatform.gov/ngda-soils">https://communities.geoplatform.gov/ngda-soils</a>
Transportation*	<a href="https://communities.geoplatform.gov/ngda-transportation">https://communities.geoplatform.gov/ngda-transportation</a>
Utilities	<a href="https://communities.geoplatform.gov/ngda-utilities">https://communities.geoplatform.gov/ngda-utilities</a>
Water Inland*	<a href="https://communities.geoplatform.gov/ngda-waterinland">https://communities.geoplatform.gov/ngda-waterinland</a>
Water Oceans and Coasts*	<a href="https://communities.geoplatform.gov/ngda-waterocean">https://communities.geoplatform.gov/ngda-waterocean</a>
(NGDA Portfolio)	<a href="https://communities.geoplatform.gov/ngda-portfolio">https://communities.geoplatform.gov/ngda-portfolio</a>

## ❖ Action: Review Respective NGDA Community

- ❖ Report any updates, changes, and/or corrections to [NGDATeam@fgdc.gov](mailto:NGDATeam@fgdc.gov)
- ❖ We will update content or will show you how

## ❖ Goal: Community content current and up to date

# NGDA Theme Communities – Next Steps

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- ❖ **Volunteers? Setup a working group to evaluate and evolve Community Sites**
  - ❖ Gather Use Case requirements
    - ❖ Build on Esri FedGIS meet-up recommendations
    - ❖ Prioritize and align use cases
  - ❖ Identify tools and best practices for Content Management & Visualization
  - ❖ Establish uniform look and feel across communities
- ❖ **Goal:** Informative and collaborative NGDA Communities

# COGO Report Card Update

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- ❖ First COGO [Report Card on the NSDI](#) completed in 2015. Provided evaluation of framework Themes and overall NSDI status.
- ❖ Second Report Card assessments and drafts are underway; completion in 2018. Review of framework Themes (plus Address) and NSDI status.
  - FGDC staff has met with COGO leadership
  - COGO is conducting theme-level reviews. Theme reviews will be combined into consolidated COGO report.
  - COGO/Elevation Theme meeting held 5-1-18



# COGO Report Card – Contact List

Theme	COGO Report Card Teams	FGDC Theme Contacts
<b>Address</b>	Tony Simental (GISCI) <a href="mailto:Tony.A.Simental@wv.gov">Tony.A.Simental@wv.gov</a> Dan Goldberg (UCGIS) <a href="mailto:Daniel.goldberg@tamu.edu">Daniel.goldberg@tamu.edu</a> Martha Wells (URISA) <a href="mailto:mwells@spatialfocus.com">mwells@spatialfocus.com</a> Katherine Cargo (URISA) <a href="mailto:KCargo@911nola.org">KCargo@911nola.org</a>	Lynda Liptrap (Census) <a href="mailto:lynda.a.liptrap@census.gov">lynda.a.liptrap@census.gov</a> Steve Lewis (DOT) <a href="mailto:steve.lewis@dot.gov">steve.lewis@dot.gov</a>
<b>Cadastre</b>	Dan Fasteen (IAAO) <a href="mailto:Daniel.Fasteen@CO.Dakota.MIN.US">Daniel.Fasteen@CO.Dakota.MIN.US</a> Shelby Johnson (NSGIC) <a href="mailto:shelby.johnson@arkansas.gov">shelby.johnson@arkansas.gov</a> Ed Crane (URISA) <a href="mailto:ecrane1949@gmail.com">ecrane1949@gmail.com</a>	Don Buhler (BLM) <a href="mailto:dbuhler@blm.gov">dbuhler@blm.gov</a> Bob Ader (BLM) <a href="mailto:bader@blm.gov">bader@blm.gov</a>
<b>Elevation</b>	Jon Gustafson <a href="mailto:JON.GUSTAFSON@wsp.com">JON.GUSTAFSON@wsp.com</a> Glen Thurow <a href="mailto:glen.thurow@gmail.com">glen.thurow@gmail.com</a>	Ashley Chappell (NOAA) <a href="mailto:ashley.chappell@noaa.gov">ashley.chappell@noaa.gov</a> Diane Eldridge (USGS) <a href="mailto:deldridge@usgs.gov">deldridge@usgs.gov</a>
<b>Geodetic Control</b>	Doug Schneider <a href="mailto:dschneider@rickengineering.com">dschneider@rickengineering.com</a> Evon Silvia <a href="mailto:esilvia@quantumspatial.com">esilvia@quantumspatial.com</a>	Dan Roman (NOAA) <a href="mailto:dan.roman@noaa.gov">dan.roman@noaa.gov</a>
<b>Gov. Units</b>	Hunter Key (URISA) <a href="mailto:hkey@crc.ga.gov">hkey@crc.ga.gov</a> Nancy Von Meyer (URISA) <a href="mailto:nancy@fairview-industries.com">nancy@fairview-industries.com</a>	Dierdre Bevington-Attardi (Census) <a href="mailto:Dierdre.Bevington.Attardi@census.gov">Dierdre.Bevington.Attardi@census.gov</a> Laura Waggoner (Census) <a href="mailto:laura.l.waggoner@census.gov">laura.l.waggoner@census.gov</a> Bob Pierce (USGS) <a href="mailto:rrpierce@usgs.gov">rrpierce@usgs.gov</a>
<b>Water-Inland &amp; Water Oceans and Coasts (Hydrography)</b>	Thomas Newman (MAPPS) <a href="mailto:tnewman@terrasond.com">tnewman@terrasond.com</a> Zsolt Nagy (MAPPS) <a href="mailto:zsolt.nagy@aecom.com">zsolt.nagy@aecom.com</a> Troy Blanford (NSGIC) <a href="mailto:TBlanford@mt.gov">TBlanford@mt.gov</a>	<b>Water – Inland</b> Megan Lang (FWS) <a href="mailto:megan_lang@fws.gov">megan_lang@fws.gov</a> Rebecca Anderson (USGS) <a href="mailto:rdanderson@usgs.gov">rdanderson@usgs.gov</a>
		<b>Water – Oceans and Coasts</b> Tony LaVoi (NOAA) <a href="mailto:tony.lavoi@noaa.gov">tony.lavoi@noaa.gov</a> Anne Ball (NOAA) <a href="mailto:anne.ball@noaa.gov">anne.ball@noaa.gov</a>
<b>Imagery</b>	Bobbi Lenczowski (ASPRS) <a href="mailto:Roberta.lenczowski@sbcglobal.net">Roberta.lenczowski@sbcglobal.net</a> Lucia Lovison-Golob (CaGIS) <a href="mailto:lovison@afriterra.org">lovison@afriterra.org</a> Steve Sharp (GISCI) <a href="mailto:Steve.Sharp@vermont.gov">Steve.Sharp@vermont.gov</a>	John Cullen (USGS) <a href="mailto:jcullen@usgs.gov">jcullen@usgs.gov</a> Shirley Hall (USDA-FSA) <a href="mailto:shirley.hall@wdc.usda.gov">shirley.hall@wdc.usda.gov</a>
<b>Transportation</b>	Joe Weber (AAG) <a href="mailto:jweber2@ua.edu">jweber2@ua.edu</a> David Moss (IAAO) <a href="mailto:mossd004@mail.maricopa.gov">mossd004@mail.maricopa.gov</a> Bert Granberg (NSGIC) <a href="mailto:bgranberg@utha.gov">bgranberg@utha.gov</a> Shih-Lung Shaw (UCGIS) <a href="mailto:sshaw@utk.edu">sshaw@utk.edu</a>	Raquel Wright (DOT) <a href="mailto:raquel.wright@dot.gov">raquel.wright@dot.gov</a>

# COGO Report Card – Current Status

Theme	Status (as of March 2018)
<b>Address</b>	Draft report completed.
<b>Cadastre</b>	Draft report completed.
<b>Elevation</b>	COGO team established, assessment in progress.
<b>Geodetic Control</b>	COGO team established, assessment in progress.
<b>Governmental Units</b>	Draft report completed.
<b>Water-Inland &amp; Water Oceans and Coasts (Hydrography)</b>	Draft report completed.
<b>Imagery</b>	Draft report completed.
<b>Transportation</b>	Draft report completed.

# UPDATE: 2018 NGDA Web Services and Metadata Project

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## ❖ Action: Review [FGDC NGDA Dataset List](#)

### ❖ Check / Correct metadata records

- Metadata titles and alternate titles
- Keywords and thesaurus (check that they meet Guidelines)
- Web service end points (add and/or check for broken links and update as needed)
- Data download (add and/or check for broken links and update as needed)

### ❖ Update and republish NGDA metadata

- Include web service end points in accordance with [NGDA Metadata Guidelines](#)

## ❖ Goal: Increased discoverability with greater access to web services and data download

*Report any issues to  
[NGDATeam@FGDC.gov](mailto:NGDATeam@FGDC.gov)*

# FGDC Web Accessible Folder(FGDC-WAF):

❖ **Goal: Eliminate FGDC-WAF**

❖ **Action: Publish metadata through respective agencies**

❖ 12 metadata records currently in FGDC – WAF

Number Affected	Agency	NGDA
3	DOD-USACE	Army Military Land Tracts (AMLT)
	DOD-USACE	National Levee Database
	DOD-USACE	National Inventory of Dams
8	DOI-BIA	BIA Indian Lands Dataset (Indian Lands of the United States)
	DOI-BIA	Indian Land Areas Judicially Established 1978
	DOI-BLM	<a href="#">BLM National Surface Management Agency: Area Polygons, Withdrawal Area Polygons, and Special Public Purpose Withdrawal Area Polygons</a>
	DOI-BLM	<a href="#">BLM Administrative Unit Office Points</a>
	DOI-BLM	<a href="#">BLM Administrative Unit Boundary Polygons</a>
	DOI-BLM	<a href="#">BLM National Public Land Survey System Polygons</a>
	DOI-NPS	<a href="#">Administrative Boundaries of National Park System</a>
	DOI-NPS	<a href="#">National Register of Historic Places</a>
1	USDA-NRCS	Parameter- Elevation Regressions on Independent Slopes Model (PRISM) Dataset

Blue = Request for removal submitted to [data.doi.gov](http://data.doi.gov) and [data.gov](http://data.gov)

**STATUS:** Working with Agencies to publish directly through their respective catalogs/repositories

# Data.gov Duplicate Metadata Records

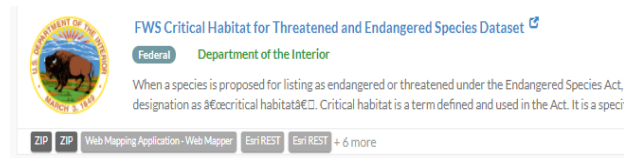
**Goal: One metadata record (collection or individual) per NGDA**

**Action: Identify Duplicate Metadata Record for removal**

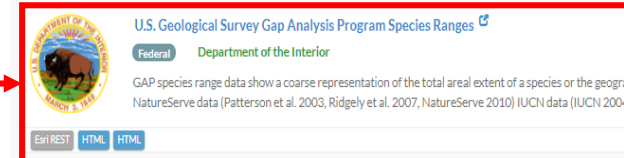
For Example: Biodiversity and Ecosystems Theme has approximately 50 records in this category:

- ❖ Issue: Inconsistent and non-persistent NGDA metadata records
- ❖ Impact: Adding wrong or non-persistent record to GeoPlatform Object Editor

**STATUS:** Working with Dataset Managers, Agencies and Data.gov to remove duplicate records



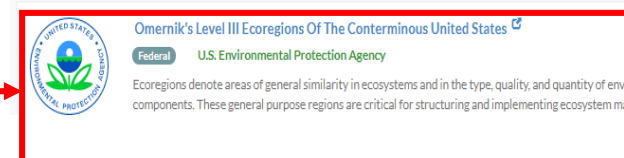
<https://catalog.data.gov/dataset/u-s-geological-survey-gap-analysis-program-species-ranges>



<https://catalog.data.gov/dataset/u-s-geological-survey-gap-analysis-program-species-ranges839b7>



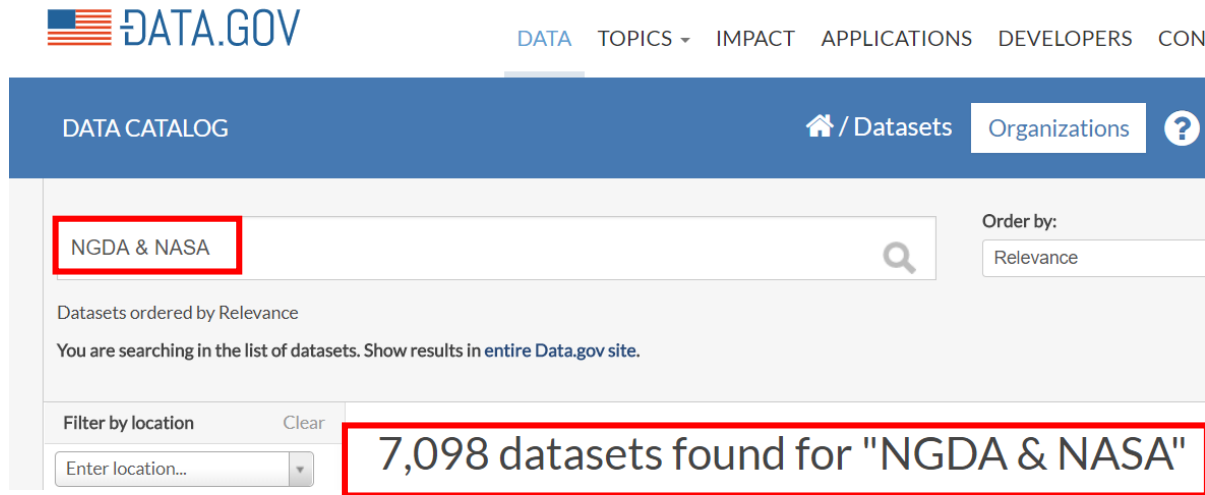
<https://catalog.data.gov/dataset/omerniks-level-iii-ecoregions-of-the-conterminous-united-statesf41e>



<https://catalog.data.gov/dataset/omerniks-level-iii-ecoregions-of-the-conterminous-united-states>

# Identifying Non-NGDA Metadata Records

## ❖ Example: Query Data.gov for “NGDA & Agency”



DATA.CATALOG

DATA TOPICS ▾ IMPACT APPLICATIONS DEVELOPERS CON

/ Datasets Organizations ?

NGDA & NASA

Order by: Relevance

Datasets ordered by Relevance

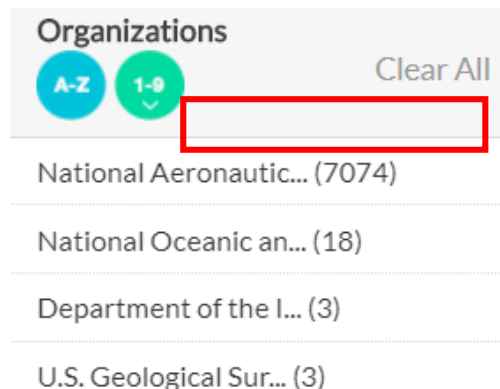
You are searching in the list of datasets. Show results in entire Data.gov site.

Filter by location Clear

Enter location...

7,098 datasets found for "NGDA & NASA"

## ❖ Filter on “Organization” for Agency



Organizations

A-Z 1-9 Clear All

National Aeronautic... (7074)

National Oceanic an... (18)

Department of the I... (3)

U.S. Geological Sur... (3)

# Non-NGDA Metadata Record Results

## ❖ Results:

Agency	Number of Returns	Number of NGDA
Census	43	36
NASA	7074	3
USDA	20	17
USGS	29	23

## ❖ Solution:

1. Nominate dataset as NGDA through FGDC

[NGDATeam@fgdc.gov](mailto:NGDATeam@fgdc.gov)

**OR**

1. Remove references to NGDA in metadata title and alternate title (ISO)
2. Remove NGDA keywords

# Managing Non-NGDA Metadata Records\*

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## ❖ **Action:** Remove NGDA Designation for Non-NGDA Metadata Records

- ❖ Identify Non-NGDA metadata records with references to NGDA in metadata title and/or alternate title (ISO), or NGDA keywords

## ❖ **Goal:** Only Officially Recognized NGDA Metadata Records that comply with NGDA Metadata Guidelines

## ❖ **STATUS:** Working with Dataset POCs to modify Metadata or recommend datasets for NGDA status

*\* Non-NGDA metadata records are geospatial dataset metadata records that are not officially recognized as NGDA through FGDC nomination and recognition process*



# Proposed NGDA Changes to Governmental Units, Cadastre and Imagery Themes



***Action for Themes: Please confirm these  
recommendations for changes  
with your Lead Agencies.***

# Governmental Units Theme

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## Action: Approve Combining Two NGDA into One NGDA

### Bureau of Land Management (BLM)

#### ❖ Retire NGDA

- ❖ NGDAID 67: [BLM Administrative Unit Boundary Polygons](#)
- ❖ NGDAID 68: [BLM Administrative Unit Office Points](#)
  - ❖ These NGDA have been combined into one dataset

#### ❖ Replacement NGDA

- ❖ [BLM National Administrative Unit Boundary Polygons and Office Points - National Geospatial Data Asset \(NGDA\)](#)
  - ❖ Combines the two NGDA above into one NGDA - Recommend approval

#### ❖ POC: Vincent Myers [vmyers@blm.gov](mailto:vmyers@blm.gov)

Leonard Gore [l1gore@blm.gov](mailto:l1gore@blm.gov)

Dierdre Bevington-Attardi (Theme Lead) [Dierdre.Bevington.Attardi@census.gov](mailto:Dierdre.Bevington.Attardi@census.gov)

# Cadastral Theme

## Action: Approve Splitting One NGDA into Three NGDA Bureau of Land Management (BLM)

### ❖ Retire NGDA

- ❖ NGDAID 12: BLM National Surface Management Agency: Area Polygons, Withdrawal Area Polygons, and Special Public Purpose Withdrawal Area Polygons
  - ❖ This NGDA no longer exists, It has been split into three separate datasets listed below

### ❖ Replacement NGDA

- ❖ [BLM National Surface Management Agency Area Polygons - National Geospatial Data Asset \(NGDA\)](#)
  - ❖ BLM has published one of the replacement NGDA - Recommend approval

### ❖ Pending Replacement NGDA

- ❖ BLM National Surface Management Agency Withdrawal Area Polygons - National Geospatial Data Asset (NGDA)
- ❖ BLM National Surface Management Agency Special Public Purpose Withdrawal Area Polygons - National Geospatial Data Asset (NGDA)
  - ❖ BLM is in the process of publishing these two datasets

- ❖ **POC:** Joel Harrington [jharrington@blm.gov](mailto:jharrington@blm.gov)  
Leonard Gore [l1gore@blm.gov](mailto:l1gore@blm.gov)  
Janet Wilkins (Theme Lead) [j1wilkin@blm.gov](mailto:j1wilkin@blm.gov)

# Cadastral Theme

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## Action: Approve One New NGDA Bureau of Indian Affairs (BIA)

### ❖ Proposed NGDA

- ❖ [BAmerican Indian Reservations \(AIR\) Exterior Extent Boundaries](#)
- ❖ Recommend approval

### ❖ Pending New NGDA

- ❖ Several other datasets being finalized for proposed NGDA designation

- ❖ **POC:** Heston Smith [heston.smith@bia.gov](mailto:heston.smith@bia.gov)  
Phillip Julian [phillip.jullian@bia.gov](mailto:phillip.jullian@bia.gov)  
Steven Mesa [steven.mesa@bia.gov](mailto:steven.mesa@bia.gov)  
Janet Wilkins (Theme Lead) [j1wilkin@blm.gov](mailto:j1wilkin@blm.gov)

# Imagery Theme

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## Action: Approve Retire and Replace One NGDA Geological Survey (USGS) - Orthoimagery

### ❖ Retire NGDA:

- ❖ NGDAID 102: High Resolution Orthoimagery - USGS National Map Downloadable Data Collection
  - ❖ No longer maintained and has been archived

### ❖ Replacement NGDA

- ❖ [USGS High Resolution Orthoimagery Collection - Historical - National Geospatial Data Asset \(NGDA\) High Resolution Orthoimagery](#)
- ❖ Recommend approval

### ❖ POC: Bob Pierce [rrpierce@usgs.gov](mailto:rrpierce@usgs.gov)

John Cullen (Co-Theme Lead) [jcullen@usgs.gov](mailto:jcullen@usgs.gov)

Shirley Hall (Co-Theme Lead) [shirley.hall@wdc.usda.gov](mailto:shirley.hall@wdc.usda.gov)

# Imagery Theme

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## Action: Approve Two New NGDA

### US Geological Survey (USGS) - Landsat

#### ❖ Pending Proposed NGDA:

- ❖ [Landsat 8 Operational Land Imager and Thermal Infrared Sensor - National Geospatial Data Asset \(NGDA\)](#)

- ❖ [Landsat 8 Operational Land Imager and Thermal Infrared Sensor Pre-WRS-2: 2013 - National Geospatial Data Asset \(NGDA\)](#)

- ❖ FGDC is in discussion with POCs on these datasets

- ❖ **POC:** Ryan Longhenry [rlonghenry@usgs.gov](mailto:rlonghenry@usgs.gov)

- John Cullen (Co-Theme Lead) [jcullen@usgs.gov](mailto:jcullen@usgs.gov)

- Shirley Hall (Co-Theme Lead) [shirley.hall@wdc.usda.gov](mailto:shirley.hall@wdc.usda.gov)

# NGDA Portfolio Reporting Timeline

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## ❖ May

- ❖ Distribute to Coordination Group for review and comment
  - ❖ Completed Theme Summary Reports
    - ❖ Additional reports monthly as complete
  - ❖ NGDA Proposed Changes
    - ❖ Action to confirm with Lead Agencies
- ❖ Post NGDA Dataset Reports & Theme Summary Reports
- ❖ **Next steps for Theme Leads: Review**
  - ❖ Draft LMA Analysis and Recommendation Report
  - ❖ Draft NGDA Portfolio Summary Report

## ❖ June

- ❖ Distribute to Coordination Group for review and comment
  - ❖ Draft LMA Analysis and Recommendation Report
  - ❖ Draft Portfolio Summary Report
- ❖ Post LMA Analysis and Recommendation Report & Portfolio Summary Report

# NGDA Inventory & POC Updates

## ❖ Theme Executive Champion Change

NGDA Theme		
None		

## ❖ Theme Lead Change

NGDA Theme	New Theme Lead	Previous Theme Co-Lead
Soils	Drew Kenny moves from co-lead to lead	Dave Hoover

## ❖ Dataset Manager Changes

NGDA Dataset Name	Theme	New Dataset Manager	Previous Dataset Manager
None			



# 2018 Theme Lead Meeting Schedule

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Date	Time (Eastern)
Jan 11 (Thursday)*	1:00 - 3:00 ET
Feb 6 (Tuesday)	11:00 - 1:00 ET
Mar 1 (Thursday)	1:00 - 3:00 ET
Apr 3 (Tuesday)	11:00 - 1:00 ET
May 3 (Thursday)	1:00 - 3:00 ET
June 5 (Tuesday)	11:00 - 1:00 ET
July 12 (Thursday)*	1:00 - 3:00 ET
Aug 7 (Tuesday)	11:00 - 1:00 ET
Sept 6 (Thursday)	1:00 - 3:00 ET
Oct 2 (Tuesday)	11:00 - 1:00 ET
Nov 1 (Thursday)	1:00 - 3:00 ET
Dec 4 (Tuesday)	11:00 - 1:00 ET

*\* Denotes adjustment due to holiday*

# Open Discussion

*Next Meeting:*

*June 5, 2018*

*11:00 AM - 1:00 PM ET*

